

UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

AUGUST 2007

SHASTA LAKE FLOOD CONTROL REQUIREMENTS

RUN DATE: October 17, 2007

DAY	SHASTA INFLOW C. F. S.	PREV DAY F. C. PAR (COL 3)	F. C. PARAM (COLS. 1 + 2)	.0356* X DAYS 12/23 THRU 3/20	530,000 MINUS F. C. PARAM	COLS	F. C. RESERV (1,300,000 - COL 6)	MINUS 14,943 PER DAY AFTER	ADJUSTED F. C. RESERV (7-8)	PERM STORAGE
	1	2	3	4	5	6	7	8		
			73,927							
1	3,626	70,231	73,857						5,831,000	
2	3,647	70,164	73,811						5,809,000	
3	3,699	70,120	73,819						5,788,000	
4	3,521	70,128	73,649						5,767,000	
5	2,352	69,967	72,319						5,745,000	
6	3,275	68,703	71,978						5,724,000	
7	3,523	68,379	71,902						5,703,000	
8	3,713	68,307	72,020						5,682,000	
9	2,909	68,419	71,328						5,660,000	
10	3,294	67,761	71,055						5,639,000	
11	3,579	67,503	71,082						5,618,000	
12	3,578	67,528	71,106						5,596,000	
13	2,873	67,550	70,423						5,575,000	
14	3,031	66,902	69,933						5,554,000	
15	3,519	66,436	69,955						5,532,000	
16	1,900	66,458	68,358						5,511,000	
17	2,822	64,940	67,762						5,490,000	
18	2,999	64,374	67,373						5,468,000	
19	2,261	64,004	66,265						5,447,000	
20	3,416	62,952	66,368						5,426,000	
21	3,549	63,049	66,598						5,404,000	
22	3,355	63,269	66,624						5,383,000	
23	3,790	63,292	67,082						5,362,000	
24	2,985	63,728	66,713						5,341,000	
25	2,017	63,378	65,395						5,319,000	
26	3,513	62,125	65,638						5,298,000	
27	3,733	62,356	66,089						5,277,000	
28	3,183	62,785	65,968						5,255,000	
29	3,852	62,669	66,521						5,234,000	
30	3,512	63,195	66,707						5,213,000	
31	3,884	63,372	67,256						5,191,000	

COMMENTS:

* LEAP YEAR CONSTANT = .0352

CONSTANT .0356 = 1,300,000 / (TOTAL DAYS X (530,000 - 110,000))

IF COL 3 IS GREATER THAN 530,000 OR LESS THAN 110,000 USE THOSE VALUES FOR COL 3 INSTEAD OF THE COMPUTED VALUE.